

AMENDMENT

In the Specification:

Delete the heading at page 1, line 1.

Insert the following heading after the Title.

BACKGROUND OF THE INVENTION

Amend the heading at page 1, line 5 to read ~~Technical~~ Field of the Invention.

Amend the heading at page 1, line 10 to read ~~Background~~ Description of the Related Art.

Amend the paragraph beginning at page 1, line 23 as follows:

These conventional layout schemes will be explained hereinafter. Fig. 8 shows the common-centroid layout scheme. Fig. 9 shows an equivalent circuit of Fig. 8. M1 and M2 are MOS field effect transistors that are to be matched. The transistor M1 is divided into two sub-transistors MS11 and ~~[[MS21]]~~ MS12. Similarly, the transistor M2 is divided into two sub-transistors MS21 and MS22.

Amend the paragraph beginning at page 1, line 28 as follows:

Since these sub-transistors have a common center P as shown in Fig. 8, it is called the common-centroid layout scheme. And gates, drains and sources of the sub-transistors MS11 and ~~[[MS21]]~~ MS12 are connected in common to form the transistor M1, as shown in Fig. 9. Similarly, gates, drains and sources of the sub-transistors MS21 and ~~[[M2S2]]~~ MS22 are connected in common to form the transistor M2.

Replace the heading at page 5, line 11, with the following new heading:

SUMMARY OF THE INVENTION

Replace the heading at page 5, line 22, with the following new heading:

BRIEF DESCRIPTION OF THE DRAWINGS

Replace the heading at page 6, line 12, with the following new headings:

DETAILED DESCRIPTION OF THE INVENTION

Amend the paragraph beginning at page 11, line 4 as follows:

[[A]] The table on the next page below shows formulae to calculate areas for three different layout schemes and the calculated areas for a given set of parameters. Dimensions of the first transistor M1 and the second transistor M2, that are main-transistors, are the width $W = 80\text{ }\mu\text{m}$ and the length $L = 10\text{ }\mu\text{m}$ with $d1 = d2 = d3 = 4\text{ }\mu\text{m}$ for all the layout schemes.